

US

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PCT Applicant's Guide - Volume II - National Chapter - US

Annex US.II, page 1

PTO-1280 (Rev. 03-2005)  
Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>107551741</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US 0300234</b>	INTERNATIONAL FILING DATE <b>21 OCTOBER 2003</b>	PRIORITY DATE CLAIMED <b>21 OCTOBER 2002</b>
TITLE OF INVENTION <b>METHOD AND APPARATUS FOR FUEL INJECTION SYSTEMS</b>		
APPLICANT(S) FOR DO/EO/US <b>JOHN BLAKEMORE HARRISON</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (8), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - ☐ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☐ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☒ Amendments to the claims of the International Application under PCT Article 16 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 16 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(a)(4)).
- ☐ An English language translation of the annexes of the international Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(8)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.87 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☐ An Application Data Sheet under 37 CFR 1.75.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
- ☒ A second copy of the published international Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☐ Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.481-1.492. The information is required to obtain or retain a benefit by the patent, which is in fact (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is not intended to take 18 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount or time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND PAGES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

PTO-1380 (REV. 02-2005)

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/531741		PCT/NZ0300234	
The following fees have been submitted:			
21. <input checked="" type="checkbox"/> Basic national fee.....	\$300		
22. <input type="checkbox"/> Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 30(1)-(4).....	\$100 \$400		
23. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....	\$100 \$400 \$500		
TOTAL OF 21, 22 and 23 =			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$200 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
100	50	1	\$200
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	21	1	\$50
Independent claims	3		\$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			
TOTAL OF ABOVE CALCULATIONS =			\$350.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.			
SUBTOTAL =			\$175.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			
TOTAL NATIONAL FEE =			\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.			\$40.00
TOTAL FEES ENCLOSED =			\$215.00
Amount to be refunded:			\$
Amount to be charged:			\$215.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.			
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.			
d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.			
SEND ALL CORRESPONDENCE TO:			
SIGNATURE JOHN B. HARRISON			
NAME JOHN B. HARRISON			
REGISTRATION NUMBER			

The PTO did not receive the following listed item(s):  
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FORM PTO-1380 (REV. 02-2005)

(17 February 2005)

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CENTRAL FAX CENTER

APR 18 2005

**Fax Message**

**To Fax No. 001. 703. 872. 9306 United States Patent and Trademark Office. Commissioner for Patents, PO Box 1450. Alexandria VA22313 -1450. USA.**

**From Fax. No. 0064. 9. 576. 1106**

**John B Harrison. 216 Whitford Road, Howick, Auckland, New Zealand.**

**April 18, 2005.**

**Sheet 1 of 20.**

Ref: PCT International Patent Application

Dear Sirs,

I enclose sheets 1 to 20 referring to International Patent No. PCT / NZ 0300234 for submission.

Please confirm that the payment amount of \$215.00. U.S. is correct and will you accept a Visa Credit Card payment Form by Fax. ? or should I post this to you by Airmail ?. If by post please confirm where it should be addressed too.  
Should you require any further information, or alterations to this application, or the payment, please let me know by return Fax.

Yours truly,



John B. Harrison.

We enclose the following documents for your attention:

- 1). PCT Patent Application Form.
- 2). Copy of International Patent Application No. PCT/NZ0300234.
- 3). Copy letter discharging Baldwin Shelston Waters as my patent representative.
- 4). Letter for small entity application.
- 5). Declaration of Invention.
- 6). International PCT Search Report.
- 7). Examination Report of N.Z. Patent No 522153.

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Annex US.III, page 5

PTO/SB/3 (09-04)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**REQUEST FOR WITHDRAWAL  
AS ATTORNEY OR AGENT  
AND CHANGE OF  
CORRESPONDENCE ADDRESS**

Application Number	
Filing Date	
First Named Inventor	
Art Unit	
Examiner Name	
Attorney Docket Number	

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

N/A.

Please withdraw me as attorney or agent for the above identified patent application, and

- ☐ all the attorneys/agents of record.
- ☐ the attorneys/agents (with registration numbers) listed on the attached paper(s), or
- ☐ the attorneys/agents associated with Customer Number

NOTE: This box can only be checked when the power of attorney of record in the application is to all the practitioners associated with a customer number.

The reasons for this request are:

**CORRESPONDENCE ADDRESS**

1. ☐ The correspondence address is NOT affected by this withdrawal.
2. ☐ Change the correspondence address and direct all future correspondence to:
- ☐ The address associated with Customer Number:

OR

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Fax

Signature

Name

Registration No.

Date

Telephone No.

NOTE: Withdrawal is effective when approved rather than when received. Unless there are at least 30 days between approval of withdrawal and the expiration date of a time period for response or response extension period, the request to withdraw is normally disregarded.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 38 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 or select option 2.

(10 December 2004)

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Levin House  
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Our Ref: RC504134-142

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WELLINGTON

Filing receipt regarding:

P.C.T.

INTERNATIONAL APPLICATION NO.

PCT/NZ030 0 2 3 4

APPLICANT:

JOHN BLAKEMORE HARRISON

TITLE OF INVENTION:

**METHOD AND APPARATUS FOR FUEL INJECTION  
SYSTEMS**

Date application filed:

21 October 2003

Priority Date:

21 October 2002 FROM NZ522153

RECEIVED the following:

- Abstract
- Specification
- Drawings - 5 sheets
- Diskette
- Paper copy of PCT-EASY Request

Intellectual Property  
Office of NZ

21 OCT 2003

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for PCT Receiving Office

PFILZ3832142

(13.)

216 Whitford Road,  
Howick,  
Auckland.  
15.04.2005.

Baldwin Shelston Waters,  
PO Box 5999,  
Auckland.

For the attention of Michael Hawkins & Richard Clement,

Dear Michael & Richard,

Since the financial support offered by International Environmental Engineering Ltd. has been withdrawn, I have had to investigate other sources of support for my gas injection system.

A Chinese group of companies has shown great interest in my injection system but they have informed me that they wish to undertake the outstanding Patent matters with their own appointed staff or legal advisers.

As I am reliant on this new company's financial support to get my injection system from its prototype status into full production, I have to follow their request.

As a result of the above mentioned circumstances, it is with regret, that I will not be requiring your professional services in regard to the outstanding Patent matters, but I would like to thank you for all the years of support and help you have provided to me.

Yours truly,



John B. Harrison.

216 Whitford Road,  
Howick,  
Auckland,  
New Zealand.  
April 14, 2005.

U.S. Patent and Trademark Office,  
Department of Commerce,  
PO Box 1450.  
Alexandria VA 22313- 1450.

Dear Sirs,

Ref: International Application No. PCT / 0300234. Small Entity Application.

I John Blakemore Harrison, retired engineer ( Date of Birth 20 February 1936 ) of 216 Whitford Road, Howick. Auckland, New Zealand, being the sole inventor of the above mentioned " Method and Apparatus for Fuel Injection Systems" would like to apply for the Small Entity Fee discount.

I am a Senior Citizen on a State Pension and would appreciate being granted your reduced costs.

Yours truly,



John B. Harrison.

(15)

Patents Form No. 5

Our Ref: MH504134

NEW ZEALAND  
PATENTS ACT 1953

Complete After Provisional No. 522153

Filed: 21 October 2002

COMPLETE SPECIFICATION**METHOD AND APPARATUS FOR FUEL INJECTION SYSTEMS**

I, **JOHN BLAKEMORE HARRISON**, a citizen of New Zealand of 216 Whitford Road, Howick, Auckland 1705, New Zealand hereby declare the invention, for which I pray that a patent may be granted to me and the method by which it is to be performed, to be particularly described in and by the following statement:

*Declaration of Invention*

PT053832258

*Signed John B. Harrison**April 14, 2005.*

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Ministry of Economic  
Development

Manatū Ōhanga

Intellectual Property Office  
of New Zealand

(20)

29 October 2003

BALDWIN SHELSTON WATERS  
DX SP22044  
Wellington

Patent Application No: 522153  
In the Name of: JOHN BLAKEMORE HARRISON  
Your ref: MH504134

## Examination Report

Thank you for your application filed on 21 October 2003.

Examination has been performed on the specification as filed.

A Declaration of Inventorship (Patents form 6) should be filed under Regulation 21.

The application is otherwise considered to be ready for acceptance.

The time for completion of all matters expires on **29 January 2005**. An extension of time of up to three months may be requested under section 19(2).

If you have any questions please contact me.

Yours sincerely



Dave Loftus  
for Commissioner of Patents, Trade Marks and Designs  
Direct Dial (04) 560 1643

JCO3 Rec'd PCT/PTO 8 APR 2005

10/531741

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